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ABSTRACT

The Vocational Education Amendments of 1968 challenged vocational educators to set up meaningful services for persons with special needs. Pennsylvania vocational educators feel they have begun to accept this challenge. This report reviews the major programs that received funds for the disadvantaged in Pennsylvania under Public Law 90-576 during the 1970 fiscal year. Each program description includes objectives, procedures, size, duration, and a person to contact for further information. Programs are grouped according to occupational area, with a special section for programs overlapping between areas. (BH)

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Pennsylvania Department of Education
1970

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OFFICE OF SPECIAL VOCATIONAL EDUCATION PROGRAMS

The Office of Special Vocational Education Programs of the Bureau of Vocational, Technical and Continuing Education was established in February 1970. The purpose of the office is to provide personal, material and fiscal resources to local educational agencies, colleges and universities, and private nonprofit organizations needed to revise and extend present programs and to develop new and innovative activities to meet the occupational training needs of disadvantaged and handicapped persons.

The major objectives of the office are:

1. To encourage local educational agencies, colleges and universities and private nonprofit organizations to develop flexible and comprehensive vocational education programs needed to adequately accommodate students with special needs.

2. To facilitate the development of a unified vocational program in cooperation with all educational disciplines and vocational training agencies in initiating the occupational skill development and supplemental education required to bring students with special needs to a level of competence needed for them to enter the labor market.

3. To communicate and cooperate with all agencies both public and private which are involved in occupational training activities for disadvantaged and handicapped persons.

4. To create a climate among educators that will allow them to accept all types of disadvantaged and handicapped persons that can profit from vocational education and related training and assist these educators in designing meaningful occupational education curricula to meet the critical needs of these target groups.

5. To foster an attitude among educational, business, industrial and governmental personnel that will allow them to accept more disadvantaged and handicapped persons for employment.

FOREWORD

Few problems in vocational education today have commanded more expressed concern and national attention than providing relevant occupational training programs for disadvantaged persons. The Federal Government has been cognizant of this problem and passed legislation which gives high priority to initiating special vocational programs and services for persons who have academic, socioeconomic, cultural or other handicaps that prevent them from succeeding in regular vocational or consumer and homemaking programs.

The Vocational Education Amendments of 1968 (P.L. 90-576) provided funds, and challenged vocational educators to not only talk about, but to do their part in providing meaningful vocational education services for persons with special needs.

Certain vocational educators in Pennsylvania are beginning to accept this challenge and have initiated some relevant training programs for this target group. Many other vocational educators are asking questions and are apprehensive about how they may proceed to develop programs for these individuals.

The purpose of this publication is to present a review or description of the major programs that were funded for the disadvantaged during the 1970 fiscal year. It is hoped that this review will serve to stimulate the thinking of more vocational educators and that they will consider developing similar programs to meet the critical occupational needs of disadvantaged persons in there localities.

Included in this review are programs that were funded under Part A of P.L. 90-576 and a selected number from Part F, Consumer and Homemaking Education. Allocations given directly to school districts under Part "B" of this act for the disadvantaged and handicapped are not included.

The document is organized to report separately those programs that are related to the six occupational areas of vocational education. Projects that cover more than one area are categorized as "all fields". Each project contains a descriptive title, major objectives, brief procedures and expected outcomes. Other descriptive information includes the budget, number of enrollees, project duration, and name and address of person to contact for additional information.

Special appreciation is expressed to Mrs. Patricia T. Sites, research associate, who so ably assisted in writing the project reviews for Part "A" programs. Thanks is also extended to Miss Anne G. Eifler, state supervisor of home economics education, for furnishing the consumer and homemaking project reviews for Part F. Acknowledgement is due to Miss Joanne R. Kastelic, clerk stenographer, for typing the report.

AGRICULTURAL EDUCATION

A PROGRAM FOR MIGRANT WORKERS:
FARM EQUIPMENT OPERATION AND MAINTENANCE,
DRIVER EDUCATION AND CONSUMER BUYING

OBJECTIVES:

1. To train migrant workers to effectively and safely operate farm equipment in the fruit growing industry.

2. To give migrant workers training and experiences necessary to secure a drivers license and safely operate an automobile.

3. To train migrant workers in money management and consumer education.

4. To train migrant workers to become integrated into the mainstream of American society.

PROCEDURES:

An instructional team which included two agriculture teachers, a Spanish speaking teacher and a guidance counselor was assembled to conduct the program. An old school bus was purchased, remodeled, and equipped with instructional materials.

The instructional team used the bus as a mobile shop and in some cases, a classroom. Classes were conducted in the migrant camps during the evening hours on a regular schedule.

EXPECTED OUTCOMES:

Certain migrant workers should develop skills needed to operate and repair farm equipment and to operate personal automobiles safely.

The consumer aspects of the programs should provide a basis for better money management. It is expected that some migrants may be able to break away from migrant camps and become self-supporting citizens.

OTHER INFORMATION:

Funds: Federal: $24,457.46

Local: None

Duration: 1/4/70 - 11/30/70

Enrollees: 75

Person to Contact: Kenneth Tyson
Adams County School Board
Gettysburg, Pennsylvania 17325

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A WORK STUDY PROGRAM IN HORTICULTURE FOR DISADVANTAGED STUDENTS

OBJECTIVES:

1. To adequately train and prepare students psychologically to accept work in the horticulture industry in and about Indiana and Cambria counties.

2. To teach students the common and botannical names of trees and shrubs and their growth characteristics used in the ornamental and horticulture fields.

3. To teach basic drafting and measuring and the mechanics of landscaping.

PROCEDURES:

The horticulture instructor will work closely with the vocational agriculture teachers throughout the program. During the summer months the horticulture teacher will schedule definite duties and travel with each teacher of agriculture involved and visit the homes of these students, observing and making recommendations for improving and beautifying the home or farmstead.

EXPECTED OUTCOMES:

It is hoped that by introducing this novel type of horticulture program to disadvantaged students, many will accept jobs in the horticulture fields in Indiana and Cambria counties.

OTHER INFORMATION:

Funds: Federal: $5,870

Local: $5,870

Duration: 7/1/70 - 6/30/71

Enrollees: 484

Person to Contact: W. W. Schrock
Indiana County School Board
Indiana, Pennsylvania 15701

BUSINESS EDUCATION

BUSINESS EDUCATION PRACTICES APPLIED IN A
WORK-STUDY PROGRAM FOR DISADVANTAGED STUDENTS

OBJECTIVES:

1. To provide disadvantaged students with business practice skills needed to get a job.

2. To provide a supervised work-study program.

3. To provide an income for economically disadvantaged students while acquiring a skill.

PROCEDURES:

Twelve disadvantaged students in an Appalachia area will be chosen and enrolled in the program. Students will be paid the minimum wage by cooperating business and industry. Under the supervision of a teacher-coordinator, students will study two hours and work four hours each day.

EXPECTED OUTCOMES:

Disadvantaged students will learn a skill in order to get a job, and at the same time will get paid a modest wage.

OTHER INFORMATION:

Funds: Federal: $4,970

Local: $4,970

Duration: 6/15/70 - 8/31/70

Enrollees: 12

Person to Contact: Walter H. May
Saegertown Area Junior-Senior High School
Saegertown, Pennsylvania 16433

COOPERATIVE VOCATIONAL EDUCATION
PROGRAMS FOR ADULTS WITH SPECIAL NEEDS

OBJECTIVES:

1. To train 60 underemployed and unemployed adults for specific jobs such as building maintenance, carpentry, garage workers and office practice.

2. To teach these people to use job related business forms such as bills, credit slips, charge slips and restaurant orders.

3. To teach certain disadvantaged adults the typing skills needed to fill out elementary business forms.

4. To place unemployed adults in productive occupations following their job training.

PROCEDURES:

Sixty adults who are unemployed and underemployed will be enrolled in the pilot program. Simulated job situations and on-the-job training will be developed in cooperation with businesses and the vocational department at the school. The plan is to provide on-the-job training during the day in business establishments, and job related classes at night in the school facilities. A cooperative vocational education specialist will supervise and serve as liaison between the school, community and trainees. Potential employes will be given the minimum wage while in the program.

EXPECTED OUTCOMES:

After completion of the program, educationally and mentally retarded adults should be employed and become self-respecting citizens instead of depending on welfare or relatives for their support.

OTHER INFORMATION:

Funds: Federal: $24,782

Local: $ 2,464

Duration: 8/1/70 - 6/30/71

Enrollees: 60

Person to Contact: John Stevens
New Kensington-Arnold School District
New Kensington, Pennsylvania 15068

OPPORTUNITIES WORKSHOP FOR DISADVANTAGED PERSONS IN BUCKS COUNTY

OBJECTIVES:

1. To teach basic typewriting skills required for an entry-level job.

2. To teach basic business machine operating skills required for an entry-level job.

3. To teach the necessary personal attitudes and habits for job success.

4. To teach general office procedures.

PROCEDURES:

The Opportunities Industrialization Center will work with the community college in identifying and training program participants. The workshop will be operated five days a week, two and one half hours a day, for eight weeks. Time would be allotted for: (1) typewriting, (2) business machines, (3) office procedures, (4) business mathematics and (5) filing.

The basic instruction will be the responsibility of the workshop coordinator and a laboratory assistant. In addition, guest lecturers will be invited to discuss areas of importance.

EXPECTED OUTCOMES:

It is expected that this program will provide the skills necessary for entry-level jobs for members of low income families. This program will also serve as a model for inter-agency cooperation in providing employment skills to low income persons.

OTHER INFORMATION:

Funds: Federal: $1,800

Local: None

Duration: 6/8/70 - 7/31/70

Enrollees: 60

Person to Contact: John E. Schweizer
Bucks County Community College
Newtown, Pennsylvania 18940

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DISTRIBUTIVE EDUCATION

A COUPLED EDUCATIONAL AND WORK EXPERIENCE PROGRAM FOR DISADVANTAGED YOUTH

OBJECTIVES:

1. Identify youth whose needs were not being filled by the existing vocational or work experience program.
2. Provide an eight week summer course in 17 vocational areas which included related work experience.
3. To provide immediate income for disadvantaged youth in a large city.
4. Evaluate the holding power and overall effectiveness of the program.

PROCEDURES:

Applicants for the program were identified by teachers and other school personnel. Counselors interviewed each potential applicant to determine interest and placement. Each student was placed in one of 17 areas in a number of schools, depending upon aptitude and interest. Participants were given two hours of job related instruction per day. A wage of $1.45 per hour was paid each person for actual work performed as provided for by Part H of P.L. 90-576 (Vocational Education Amendments of 1968).

EXPECTED OUTCOMES:

The program represented a unique approach to combining federal funds for maximum training effectiveness and interdepartmental cooperation and coordination. Other benefits of the program were that students were able to: (1) learn to assume work responsibility, (2) earn money while receiving training, (3) gain understanding, knowledge and skills necessary for successful job performance, and (4) develop an awareness for the relationship between formal education and job success.

OTHER INFORMATION:

Funds: Federal: $162,785.13

Local: $105,682.33

Duration: 6/15/70 - 8/15/70

Enrollees: 78

Person to Contact: Robert A. Lamping
The Pittsburgh Board of Education
Pittsburgh, Pennsylvania 15213

DISTRIBUTIVE EDUCATION - MARKETING SALES

OBJECTIVES:

1. To provide an opportunity for the student to select and prepare for a career in the area of distribution.

2. To have students take advantage of opportunities in distribution as they become available.

3. To have the student understand problems in human relations in order that he may cope with the problems of the consumer, employer and employe.

4. To realize the opportunities for advancement in the field of distribution.

PROCEDURES:

This program will consist of two 90 minute class periods each day for six weeks. The instructor will be responsible for a four hour day with one hour being devoted to preparation and personal guidance. In addition to classroom work, field trips will be conducted to give students a chance to see employment opportunities.

EXPECTED OUTCOMES:

This program is designed to broaden the student's outlook in the field of distribution and provide an opportunity for him to see the world of work. It should also provide an opportunity for him to consider the field of vocational education for additional studies.

OTHER INFORMATION:

Funds: Federal: $910

Local: $380

Duration: 6/30/70 - 8/15/70

Enrollees: 18

Person to Contact: George R. Davenport
Wyoming Area School District
Wyoming, Pennsylvania 18644

HOME ECONOMICS AND CONSUMER EDUCATION

A DEVELOPMENTAL PROJECT TO REDIRECT THE
HOMEMAKING PROGRAM TO INCLUDE EFFECTIVE USE OF RESOURCES
IN CONSUMER GOODS OF CLOTHING, TEXTILES AND HOME FURNISHINGS

OBJECTIVES:

1. To use learning experiences in the areas of clothing, textiles and home furnishing which will involve students in situations which simulate their socioeconomic understanding of their way of life.

2. To use a variety of learning materials and diversified learning experience to stimulate imagination and interest and to facilitate independent judgment and action.

3. To help students recognize that this is an on-going experience which will lead to the accomplishment of life goals.

PROCEDURES:

A. number of multi-dimensional learning materials will be purchased and used to provide diversified learning experiences. Performance examination will be made to test and evaluate various consumer goods purchased. Informative field trips will be conducted and community experts will be used for assistance and suggestions. Evaluation will be made of goods purchased so that students can recognize difference in quality based on performance service and maintenance required in each of the price ranges.

EXPECTED OUTCOMES:

If this project fulfills its goals, students will receive help and guidance for the many consumer roles they will fulfill during their life time by learning to identify problems and provide solutions.

OTHER INFORMATION:

Funds: Federal: $ 4,315

Local: $17,177.49

Duration: 9/1/70 - 6/30/71

Person to Contact: Aulma B. Chess
Carlyton School District
Carnegie, Pennsylvania 15106

A PRACTICAL CONSUMER AND HOMEMAKING PROGRAM FOR YOUNG MARRIED COUPLES

OBJECTIVES:

1. To provide instruction in consumer education for teenagers who withdrew from school due to marriage or pregnancy.
2. To provide a forum for teenagers to discuss common family and consumer problems under the supervision of a qualified teacher.
3. To provide consumer skills normally required to maintain a home.
4. To improve home environment and the quality of life for young married couples.

PROCEDURES:

A survey will be made of school withdrawals. A curriculum will be planned and materials prepared to meet the needs of the group. Interested students will be recruited. They will meet during the evenings for two three hour classes per week for 20 weeks. Field trips and community resources will be planned as needed.

A teacher aide will provide child care services for parents who need to bring children to class.

EXPECTED OUTCOMES:

It is hoped that this program will meet the needs of young people who leave school due to marriage or pregnancy and whose problems and needs are greatly compounded by this situation. The plan is expected to improve the quality of home living of the educationally and financially distressed individual.

OTHER INFORMATION:

Funds: Federal: $2,210

Local: $1,005

Duration: 6/1/70 - 3/5/71

Person to Contact: Dorothy Jones
Big Spring School District
Newville, Pennsylvania 17241

A PILOT PROGRAM FOR
MANAGEMENT IN LIVING FOR POTENTIAL DROPOUTS

OBJECTIVES:

1. To train young people in the areas of parental roles, family relationships, child care and development, and nutrition.

2. To provide instruction in home management and consumer information and practices.

3. To develop a desire in students to be economically self-sufficient.

PROCEDURES:

Potential dropouts will be scheduled for a half day of homemaking. Program content will be structured in the areas of family relationships, child care and development, and nutrition. Techniques to be used are demonstrations, field trips and guest speakers from community agencies.

Discussions will center on the problems of pregnancy and the care of the infant. The program will operate in conjunction with a regular day school program in general education.

EXPECTED OUTCOMES:

It is anticipated that this program will be a means of helping potential dropouts to complete the requirements for a high school diploma and solve their immediate problems.

OTHER INFORMATION:

Funds: Federal: $11,750

Local: $ 1,750

Duration: 9/8/70 - 6/30/71

Person to Contact: Eleanore Hoaglund
City of Chester School District
Chester, Pennsylvania 19013

AN EXEMPLARY PROGRAM TO
REDIRECT AND EXPAND THE VOCATIONAL HOMEMAKING PROGRAM

OBJECTIVES:

1. Give consideration to the social and cultural conditions of the students to be served.

2. Encourage preparation for careers growing out of home economics.

3. Prepare youth and adults for the dual role of homemaker and wage earner including consumer education.

4. Establish an active Future Homemakers of America to carry out the state and national program as an integral part of homemaking.

PROCEDURES:

The existing home economics program will be expanded. Visits will be made to local industries that employ women so that students may investigate career opportunities. Curriculum will be developed to include consumer education and a strong emphasis on management. Field trips to the marketplace will be used to help students understand the practical application of consumer education.

The need for post high school and adult education will be explored.

EXPECTED OUTCOMES:

It is anticipated that this program will involve more students and that a meaningful curriculum in consumer and homemaking education will be developed for in school youth, post high school students and adults.

OTHER INFORMATION:

Funds: Federal: $15,467.80

Local: $ 1,250.00

Duration: 5/15/70 - 6/30/71

Person to Contact: Merritt W. Sorber
Northwest Area School District
Shickshinny, Pennsylvania 18655

AN EXEMPLARY PROGRAM TO TEACH SURVIVAL TO
DISADVANTAGED CHILDREN IN A CONSUMER'S WORLD

OBJECTIVES:

1. To assist disadvantaged students to become better homemakers.

2. To assist disadvantaged students to become better consumers by learning how to use the marketplace.

PROCEDURES:

The project will involve making and implementing decisions in the areas of foods and clothing. Students will make actual visits to the marketplace to learn how to use it, to identify desired commodities and their use and to evaluate satisfaction from purchase.

EXPECTED OUTCOMES:

It is hoped that this program can serve as an example to other districts. It should meet a need which is often disregarded for this group of students.

OTHER INFORMATION:

Funds: Federal: $13,025

Local: $ 1,990

Duration: 9/9/70 - 6/15/71

Person to Contact: V. J. Selvagges
Chester County Board of School Directors
West Chester, Pennsylvania 19380

AN EXEMPLARY PROJECT TO TRAIN POST HIGH SCHOOL
ECONOMICALLY AND EDUCATIONALLY DISADVANTAGED YOUTH WHO ARE
AVAILABLE FOR AN ORGANIZED PROGRAM OF STUDY IN FOOD SERVICES

OBJECTIVES:

1. To train for specific jobs related to the food service industry.
2. To develop attitudes important for employment in the food service industry.
3. To place students in jobs related to the new skills they have learned.

PROCEDURES:

Students will attend classes four hours a day for four weeks. Training will emphasize the development of attitudes, sanitation practices, and basic food preparation techniques. General group discussion will focus primarily on attitude development and sanitation procedures. Teachers will teach actual food preparation techniques to students in groups of less than six. Groups will rotate from teacher to teacher, with each teacher developing and teaching different basic food preparation techniques.

EXPECTED OUTCOMES:

If this specific training appears to be a realistic way of increasing the employability of special education students, training programs can be developed in other secondary school settings which would follow this model. The students will also acquire a skill needed to get a job.

OTHER INFORMATION:

Funds: Federal: $9,900
Local: $1,100

Duration: 6/15/70 - 8/15/70

Enrollees: 18

Person to Contact: Nancy Johnson
Allegheny County Board of School Directors
Pittsburgh, Pennsylvania 15200

AN EXPERIMENTAL ADULT PROGRAM IN CONSUMER AND
HOMEMAKING EDUCATION TO STRENGTHEN THE HOME BY ASSISTING PARENTS

OBJECTIVES:

1. To strengthen family life through a relevant adult consumer and homemaking education program.
2. To help homemakers know the resources available in the community.
3. To help parents develop skill in the care and guidance of children.
4. To help parents develop skill in home management.
5. To provide a link between home and school.

PROCEDURES:

The district will purchase a large van which will visit ghetto areas of the city. The van will be equipped to provide for demonstrations and discussions which will be given on individual problems related to home and family living.

The duration of the stay of the van in a given area will be dependent upon the interests and the needs of the people in the community.

EXPECTED OUTCOMES:

If this program is successful, it should serve as a practical means of providing the help with problems of family living, child care, planning and preparation of adequate meals, selection and care of clothing, housing, and management of resources. It should provide the much needed link between school and community.

OTHER INFORMATION:

Funds: Federal: $27,000

Local: $ 3,000

Duration: 4/1/70 - 6/30/71

Person to Contact: Dorothy Showers
School District of Philadelphia
Philadelphia, Pennsylvania 19103

TRAINING DISADVANTAGED ADULTS IN FABRIC MAINTENANCE, COMMERCIAL SEWING AND COMMERCIAL FOODS IN COOPERATION WITH GOODWILL INDUSTRIES OF PITTSBURGH

OBJECTIVES:

1. Plan and initiate an occupational training program in fabric maintenance, commercial sewing and commercial foods for physically, emotionally, economically and mentally disadvantaged adults in cooperation with Goodwill Industries.
2. Locate jobs for these disadvantaged adults in the greater Pittsburgh area.
3. Conduct further job placement, counseling and follow-up services for these individuals once they have been placed on jobs.

PROCEDURES:

In cooperation with the Pittsburgh Board of Education and Goodwill Industries, a project coordinator, one teacher and one paraprofessional for each of the three areas will be employed to conduct the program. In addition, a Job Entry Employment Program (JEEP) will be scheduled and taught by a teacher-coordinator. Emphasis will be placed on job skills and employe behavior techniques. Also included will be pertinent field trips to observe people working in the areas of training.

EXPECTED OUTCOMES:

Disadvantaged "sheltered" adults, many of whom have never had a job before, will receive training and be placed on jobs in hospital laundries, drapery factories and food institutions. The program, the only one of its kind in the Commonwealth, is proving very successful in meeting its objectives.

OTHER INFORMATION:

Funds: **Federal:** $58,862.40

Local: $ 2,446.00

Duration: 7/1/70 - 12/31/70

Enrollees: 150

Person to Contact: Lucille W. Campbell
Pittsburgh Public Schools
Pittsburgh, Pennsylvania 15213

TECHNICAL EDUCATION

A PILOT AND EXPERIMENTAL RESEARCH
PROJECT TO IMPROVE TROUBLESHOOTING INSTRUCTION IN
VOCATIONAL-TECHNICAL EDUCATION VIA DYNAMIC SIMULATION

OBJECTIVES:

1. To determine the variables that contribute to the learning processes in troubleshooting instruction in automotive mechanics using dynamic simulation.

2. To measure the attitudes of vocational-technical automotive mechanic students toward dynamically simulated troubleshooting instructional techniques.

3. To determine the necessary time vocational-technical automotive mechanic students need to master a systems approach to troubleshooting using the dynamic simulator.

PROCEDURES:

1. A criteria for the selection of disadvantaged students will be established.

2. An orientation period of "hands on" instruction for automotive mechanic instructors will be conducted prior to classroom use of the simulator.

3. A plan for using the simulator as an instructional aid was developed in conjunction with a research grant sponsored by The Pennsylvania State University before September 1, 1970.

4. As the simulator is used, data will be gathered in compliance with the Penn State Research Grant requests.

5. The Penn State Research Grant will report the results of the experimental pilot program.

EXPECTED OUTCOMES:

It is hoped that this project will result in the identification of an efficient and economical technique for teaching automobile mechanics to disadvantaged persons.

OTHER INFORMATION:

Funds: Federal: $30,000

Local: $16,550

Duration: 5/30/70 - 6/30/71

Enrollees: 225

Person to Contact: Charles E. Goodling
Berks Vocational-Technical School Board
Reading, Pennsylvania 19600

A PILOT PROGRAM INVOLVING THE SYSTEMS MALFUNCTION ANALYSIS REINFORCEMENT TRAINER (SMART) FOR DISADVANTAGED PERSONS

OBJECTIVES:

1. To test the effectiveness of a SMART simulator in training educationally and economically disadvantaged youth and adults in vocational education.

2. To determine whether time and money can be saved by using a dynamic simulator to teach troubleshooting in automobile mechanics.

3. To provide a pragmatic approach to training disadvantaged persons.

PROCEDURES:

Educationally and economically disadvantaged persons in the regular program will be scheduled for the pilot study. Approximately 25 out-of-school disadvantaged persons will be identified and scheduled for the program during the evening.

In cooperation with the Bureau of Vocational, Technical and Continuing Education (PDE) and The Pennsylvania State University the program will be evaluated in light of the objectives.

EXPECTED OUTCOMES:

An economically and efficient method for training disadvantaged persons will be identified. The results of the project should provide information for decision-making regarding program expansion.

OTHER INFORMATION:

Funds: Federal: $30,000

Local: None

Duration: 9/10/70 - 6/15/71

Enrollees: 250

Person to Contact: Joseph J. Risbon
Bethlehem Area Vocational-Technical School
Bethlehem, Pennsylvania 18000

A PILOT PROGRAM TO IMPROVE INSTRUCTION FOR
DISADVANTAGED STUDENTS IN FOUR VOCATIONAL AREAS-VIA SIMULATION

OBJECTIVES:

1. To aid teachers in adjusting courses to wide ranges of student abilities with emphasis on instruction for the slow learners.

2. Create controlled situations for student exploration and self-instruction.

3. To introduce the simulation approach to broaden student experiences.

4. To insure up-to-date teaching methods in vocational education.

PROCEDURES:

The System Malfunction Analysis Reinforcement Trainer (SMART) will be the similator. Areas of instruction will include automobile mechanics, electronics, appliance repair and heating and refrigeration. The program will be operated in cooperation with the Pennsylvania Department of Education and The Pennsylvania State University.

EXPECTED OUTCOMES:

1. Teachers will be able to present more material in less instructional time at a lower cost.

2. Teachers will be able to evaluate instruction from simulation.

3. Students should be able to develop their full potential in problem solving and troubleshooting proficiency.

4. Students should develop more competency needed to get and keep a job.

OTHER INFORMATION:

Funds: Federal: $30,000

Local: $11,225

Duration: 9/70 - 6/30/71

Person to Contact: Merrill H. Alexander
Centre County Vocational Technical School
Pleasant Gap, Pennsylvania 16823

A RESEARCH SURVEY TO DETERMINE THE FEASIBILITY OF OFFERING VOCATIONAL COURSES TO TRAIN DISADVANTAGED STUDENTS AS OCEANOGRAPHIC AND ENVIRONMENTAL CONTROL TECHNICIANS

OBJECTIVES:

1. Determine the availability of jobs in the Philadelphia area as oceanographic and evnironmental control technicians.
2. Solicit the communities' interest and support of the program.
3. Develop necessary curricula, equipment and supplies.
4. Determine requirements an availability of administrative staff.
5. Establish length of the training period.

PROCEDURES:

A combination survey and interview questionnaire was developed to secure data and observations from appropriate business, industrial and governmental agencies in the Philadelphia area. Also contact was made with Ogdon Technological Laboratories in Washington, D.C. to review their program for training marine technicians.

A survey team was assembled to conduct the survey. Appropriate consultant were employed to assist in the conduct of the survey.

EXPECTED OUTCOMES:

The findings of this survey should provide decision-making information on whether to initiate vocational programs to train technicians to control water and air pollution.

OTHER INFORMATION:

Funds: Federal: $11,050

Local: $ 1,100

Duration: 6/1/70 - 8/15/70

Person to Contact: William H. Bell
Philadelphia Board of Education
Philadelphia, Pennsylvania 19103

DYNAMIC SIMULATOR FOR TEACHING TROUBLESHOOTING IN
SELECTED SHOPS OF THE GREATER JOHNSTOWN AREA VOCATIONAL TECHNICAL SCHOOL

OBJECTIVES:

The objective of this project is to examine the feasibility of teaching troubleshooting in the auto repair, refrigeration and air conditioning, and electronics laboratories of our school using the Systems Malfunction Analysis Reinforcement Trainer (SMART).

PROCEDURES:

The SMART trainer will be used to teach troubleshooting procedures in the secondary day school program and the adult evening school in the following areas: (1) auto mechanics, (2) major appliance repair, and (3) electronics.

About 160 secondary day students of below average ability will be involved in the program of instruction. It is expected that a minimum of 200 disadvantaged adults will use the simulator in the adult evening school.

EXPECTED OUTCOMES:

Persons trained by simulation methods in the difficult skill of troubleshooting will enter the labor market and become successful auto mechanics and appliance repairmen. By purchasing additional problem panels, the program will extend to other shops and laboratories in the school.

OTHER INFORMATION:

Funds: Federal: $30,000

Local: $11,020

Duration: 8/31/70 - 6/15/71

Enrollees: 160

Person to Contact: Robert H. Kifer
Greater Johnstown Area Vocational Technical School
Johnstown, Pennsylvania 15900

TEACHING TROUBLESHOOTING INSTRUCTION TO DISADVANTAGED YOUTH IN VOCATIONAL EDUCATION VIA DYNAMIC SIMULATION

OBJECTIVES:

The purpose of this project will be to examine the feasibility of teaching troubleshooting to disadvantaged students by use of the Systems Malfunction Analysis Reinforcement Trainer (SMART). The specific objectives are:

1. To identify variables which may contribute to learning among disadvantaged students via dynamic simulation.

2. To determine the attitudes of students toward dynamically simulated troubleshooting instruction.

3. To examine the relationships between student ability and learning by troubleshooting via dynamic simulation.

4. To determine the preception of teachers and administrators as to the effectiveness of troubleshooting instruction via dynamic simulation.

PROCEDURES:

This research study is a cooperative effort between the Bureau of Vocational, Technical and Continuing Education, The Pennsylvania State University and four area vocational-technical schools in Pennsylvania. The technical schools will have the main responsibility for providing students, instructors and SMART simulators. The role of the vocational education division at Penn State will be to critically evaluate and examine the outcomes of the pilot research project. The Bureau of Vocational, Technical and Continuing Education will coordinate the project.

EXPECTED OUTCOMES:

Useful information should be provided to vocational educators for making decisions regarding the future use of SMART simulators. If the project proves successful, a unique and innovative way to train disadvantaged students in four occupational areas will have been identified.

OTHER INFORMATION:

Funds: Federal: $5,482

Local: $9,262

Duration: 8/1/70 - 8/30/71

Enrollees: 900

Person to Contact: Curtis M. Finch
The Pennsylvania State University
University Park, Pennsylvania 16802

PROGRAMMING TRAINING FOR THE
ECONOMIC ADVANCEMENT OF DISADVANTAGED YOUTH

OBJECTIVES:

1. Students will be able to construct flow charts.

2. The students will be able to write programs in Fortran and Basic language.

3. The students will be able to understand tape and disc usage and theory.

4. The students will be able to write programs in COBOL for business applications.

PROCEDURES:

A screening test was given to all economically disadvantaged students at Coatesville High School. Those demonstrating aptitude for computer programming, were scheduled in a class to learn how to program.

The teacher in charge attended a college summer training session to learn Fortran, Basic, RPG and COBOL language.

EXPECTED OUTCOMES:

This project should demonstrate that disadvantaged students are capable of learning programming skills needed for technical entry-level jobs. At the conclusion of the project, students will be placed in jobs.

OTHER INFORMATION:

Funds: Federal: $4,164

Local: None

Duration: 6/15/70 - 6/15/71

Enrollees: 25

Person to Contact: Ernest Peters
West Chester State College
West Chester, Pennsylvania 19380

PROVIDING COMPUTER PROGRAMMING SKILLS TO BLIND STUDENTS

OBJECTIVES:

1. The students will be able to construct flow charts.
2. The students will be able to write programs in Fortran and in Basic language.
3. The students will be able to understand tape and disc usage and theory.
4. The students will be able to write programs in COBOL for business applications.

PROCEDURES:

The first phase of the program involves training of a blind teacher in computer languages, applications of computer to education and the development of a course of study. West Chester State College and Overbrook School for the Blind will work together in identifying students and operating the program. Regular computer operations will be adapted to accommodate blind students.

EXPECTED OUTCOMES:

This project should demonstrate that blind students can be taught computer programming for entry-level jobs. Cooperating industry has agreed to hire certain blind students upon completion of the program.

OTHER INFORMATION:

Funds: Federal: $9,035

Local: None

Duration: 6/15/70 - 6/15/71

Enrollees: 43

Person to Contact: Ernest Peters
West Chester State College
West Chester, Pennsylvania 19380

TRADES AND INDUSTRIAL EDUCATION

A PILOT PROGRAM IN VOCATIONAL AND TECHNICAL
EDUCATION FOR ALL SECONDARY SCHOOLS IN FULTON COUNTY

OBJECTIVES:

1. To prepare individuals for work.

2. To develop for secondary students salable skills for job entry-level positions.

3. To develop personal, civic, and social competencies in secondary students that will prepare them to become more employable.

4. To establish quality vocational and technical courses.

PROCEDURES:

A cooperative arrangement will be developed between all four school districts in Fulton County to upgrade vocational courses. Training will be offered in automotive and power mechanics, carpentry and building trades, electrical occupations, food and clothing services.

EXPECTED OUTCOMES:

Other counties not part of a vocational school may find this pilot project valuable in planning vocational and technical education programs which meet their needs. New courses developed from this project will be available, upon request, to other school districts. This pilot program structure can serve as a pattern for other rural counties with similar problems and needs.

OTHER INFORMATION:

Funds: Federal: $35,000

Local: $33,810.70

Duration: 7/1/70 - 6/30/71

Enrollees: 250

Person to Contact: Cecil P. Cessna
Fulton County School Board
McConnellsburg, Pennsylvania 17233

SPECIAL SUMMER PROGRAM FOR DISADVANTAGED STUDENTS

OBJECTIVES:

1. To give over age disadvantaged junior high school students an opportunity to enroll in a vocational education program.

2. To give special education students an opportunity to explore low level occupational training and to determine whether they could succeed in a regular program.

3. To give other socially and economically disadvantaged students who, for one reason or another, did not have the opportunity to enter vocational education, the chance to profit from this instruction.

PROCEDURES:

Five vocational instructional areas were operated in the area vocational technical schools which included, auto body repair, auto mechanics, clothing, cabinet making and food service. Student field trips were an integral part of the program. An adequate vocational staff, including guidance and paraprofessional personnel were employed to operate the program.

EXPECTED OUTCOMES:

Disadvantaged students in the program had a broad exposure to vocational education. Because of overcrowdedness, admission criteria, and the academic limitations of most of these students, they are denied the opportunity to enroll in regular vocational-technical school programs. This program should give convincing evidence to school authorities that these students should be included in vocational courses.

OTHER INFORMATION:

Funds: Federal: $27,995.25

Local: None

Duration: 6/22/70 - 8/14/70

Enrollees: 100

Person to Contact: Charles H. Matters
Reading-Muhlenberg Area Vocational Technical School
Reading, Pennsylvania 19600

PROJECT IN VOCATIONAL EDUCATION TO TRAIN
DISADVANTAGED PERSONS TO BECOME MORE EMPLOYABLE

OBJECTIVES:

1. To give recent special education graduates and out-of-school youth, an opportunity to develop a salable skill in order to make them more attractive as potential employees.

2. To permit students entering the 10th grade to have an exploratory experience in vocational education.

3. To permit mentally retarded students to participate in vocational education to determine the feasibility of making vocational education part of a terminal program for mentally retarded youngsters.

PROCEDURES:

Disadvantaged students who have completed the 9th grade and have indefinite career plans, were identified and encouraged to participate in a summer exploratory experience in vocational education.

Students who graduated this past year and other out-of-school youth who are not working will be encouraged to take an intensive course in a specific area of the vocational school in order to begin developing a salable skill.

EXPECTED OUTCOMES:

More students will be graduating from the McKeesport Area Senior High School with a salable skill. Hopefully, some of the out-of-school youth would enter the labor force or continue their training by attending either the local Community College or the McKeesport Campus of The Pennsylvania State University.

OTHER INFORMATION:

Funds: Federal: $19,350

Local: $ 3,500

Duration: 6/22/70 - 7/31/70

Enrollees: 400

Person to Contact: John E. Ruby
McKeesport Area School District
McKeesport, Pennsylvania 15130

ALL FIELDS

A PILOT PROGRAM OF WORK EXPLORATION AND
OCCUPATIONAL GUIDANCE FOR DISADVANTAGED HIGH SCHOOL STUDENTS

OBJECTIVES:

1. To provide direct exposure in a variety of occupational areas to secondary disadvantaged youth in such a way that they will understand the nature of occupations.

2. To provide information relating to the educational and job training prerequisities, as well as opportunities for future advancements in those occupations.

3. To provide participants with individual and small group counseling related to the common problems in career development.

4. To provide the participants the opportunity to share their thoughts about choosing an occupation with students and teachers in other parts of the city.

PROCEDURES:

Approximately 75 students who lived near a comprehensive high school were identified for the program. These students had experienced difficulties in terms of academic achievement, were potential dropouts and many were members of juvenile gangs. In cooperation with potential employers, these persons were given on-site exposure to a variety of occupations. Employers were told that program participants were not expected to serve as part-time employes, but as learners and observers of the agencies operations.

EXPECTED OUTCOMES:

A procedure will be developed to expose potential welfare recipients to the world of work. Hopefully, these students will be motivated to learn the skills needed to get a good paying job.

OTHER INFORMATION:

Funds: Federal: $7,900

Local: $ 800

Duration: 7/6/70 - 8/15/70

Enrollees: 75

Person to Contact: William T. Kelly
Philadelphia School District
Philadelphia, Pennsylvania 19100

A PROGRAM FOR DISADVANTAGED STUDENTS IN
INDUSTRIAL ARTS OCCUPATIONAL ORIENTATION IN GRADE NINE

OBJECTIVES:

1. To initiate new programs and services in industrial arts education that will bridge the gap between the needs of disadvantaged students and the services offered by the schools.

2. To provide occupational orientation programs using industrial arts and guidance materials in the 9th grade.

PROCEDURES:

The Pennsylvania Department of Education's Division of Industrial Arts, in cooperation with a nearby school district, will employ a team of specialists to develop and assemble materials from the areas of occupational guidance, industrial arts and education of the disadvantaged. The team will develop materials and plan strategy for incorporating the materials in most industrial arts classes in the Commonwealth.

EXPECTED OUTCOMES:

This project is expected to produce relevant pre-vocational orientation which may be used by all industrial arts divisions across the Commonwealth.

OTHER INFORMATION:

Funds: Federal: $9,200

Local: None

Duration: 5/1/70 - 12/31/70

Enrollees: 15,500

Person to Contact: Paul M. Wighaman
Pennsylvania Department of Education
Harrisburg, Pennsylvania 17126

A PROGRAM FOR UNEMPLOYED AND UNDEREMPLOYED DISADVANTAGED PERSONS

OBJECTIVES:

1. To give unemployed and underemployed persons experience in a variety of job skills to determine their abilities and interests.

2. To provide a basic knowledge of the world of work in the Franklin area.

3. To provide basic knowledge to adults on relief of the work habits needed to get and hold a job.

4. To place certain enrollees in jobs at the end of the program.

PROCEDURES:

Approximately 60 persons were selected for the program which included recent high school special education graduates or adults on relief rolls who were unemployed or underemployed. Participants were exposed to a variety of occupational areas and were taught job related behaviors in the area vocational school.

Vocational instructors, Cooperative Area Manpower Systems, and the Bureau of Employment Security personnel cooperated in the operational aspects of the program. At the conclusion of the program, jobs which could be performed by program participants were identified.

EXPECTED OUTCOMES:

Disadvantaged adults who have never had the opportunity to get and hold a good job received job training and many were placed on jobs.

OTHER INFORMATION:

Funds: **Federal:** $6,925

Local: $1,580

Duration: 7/1/70 - 8/15/70

Enrollees: 60

Person to Contact: Ray Taylor
Schuylkill County Area Vocational Technical School
Franklin, Pennsylvania 17931

A PROGRAM TO INCREASE THE READING LEVEL OF EDUCATIONALLY DISADVANTAGED STUDENTS IN AN AREA VOCATIONAL TECHNICAL SCHOOL

OBJECTIVES:

1. To improve the reading level of boys and girls in a comprehensive area technical school.

2. To provide two guidance counselors on a quarter time basis and one full-time reading teacher to work closely with the students in the program.

3. To enable students who are reading significantly below grade placement to function in his vocational area with a greater degree of efficiency and productivity.

PROCEDURES:

Approximately 240 students who are reading below grade level and are potential dropouts will be enrolled. A schedule will be arranged to allow these students to regularly attend reading classes. The reading instructor will relate the reading program to the students shop area or specialty.

EXPECTED OUTCOMES:

Through this program the student will have a greater opportunity to take advantage of the vocational training offered in the various shops and laboratories of the technical school. An individual that does not have a reading handicap will be better prepared to live successfully both on and off the job.

OTHER INFORMATION:

Funds: Federal: $14,445

Local: $ 4,800

Duration: 7/1/70 - 6/30/71

Enrollees: 240

Person to Contact: Donald Langley
North Chester County Technical School
Phoenixville, Pennsylvania 19460

A PROGRAM TO TRAIN DISADVANTAGED PERSONS WITH
CONSERVATIVE RELIGIOUS BELIEFS FOR SKILLS IN
AGRICULTURE, BUILDING TRADES, NURSES AID, AND FOOD SERVICES

OBJECTIVES:

1. To develop skills in disadvantaged persons that are compatible with modern life styles.

2. To help these individuals get a job or start a business.

3. To provide work experience and continuing education to those persons in the program.

PROCEDURES:

A program in the building trades will be offered to boys and programs designed to train nurses aides and food service workers will be offered to girls. These students will be drawn from the local agriculturally oriented religious groups which have been migrating into the Mifflinburg Area School District.

Industry will be contacted and a work experience program developed.

EXPECTED OUTCOMES:

This program is expected to develop skills in young people who, because of their religious beliefs, have never participated in the "main stream" of American society.

These individuals will thus be able to find respectable jobs and become contributing citizens.

OTHER INFORMATION:

Funds: Federal: $28,950

Local: $ 5,100

Duration: 7/70 - 6/71

Enrollees: 60

Person to Contact: William Williams
Mifflinburg Area Schools
Mifflinburg, Pennsylvania 17844

AN INDUSTRIAL ARTS VOCATIONAL GUIDANCE PLAN FOR THE DEVELOPMENT OF A PROGRAM TO INCREASE SELF-AWARENESS AND IMPROVE INDUSTRIAL VOCATIONAL ADJUSTMENT OF DISADVANTAGED 9TH GRADERS IN THE CARLISLE SCHOOL SYSTEM

OBJECTIVES:

1. To identify those areas where school personnel and programs can assist the disadvantaged, currently enrolled in industrial arts, to better school and vocational adjustment.

2. To plan a program to coordinate the Vocational Industrial Arts and Guidance Departments to better assist the disadvantaged 9th grade students in vocational planning and career selection.

3. To provide materials for a planned program of study in the industrial arts, civics, and guidance programs for implementation or use during the regular school year. This program shall include instruction in vocational industrial awareness, self-awareness and educational planning procedures.

PROCEDURES:

The planning project will unite teachers and counselors who are currently working with disadvantaged 9th grade industrial arts students. Through combined knowledge and foresight, a method will be established to assist these students in increased vocational awareness, self-awareness and career and educational planning. The involved staff will work four hours a day for 30 days.

The project director will be responsible for completing all reports and working with the school district in planning and implementing the recommended program.

EXPECTED OUTCOMES:

The anticipated outcome of this planning grant is increased assistance to disadvantaged students enrolled in an industrial arts program. Through a well organized and planned approach, disadvantaged students will be better able to plan courses in keeping with their career plans.

OTHER INFORMATION:

Funds: Federal: $4,870

Local: None

Duration: 6/22/70 - 8/7/70

Enrollees: 45

Person to Contact: J. Wesley James
Carlisle Area School District
Carlisle, Pennsylvania 17013

AN INNOVATIVE APPROACH TO
PROVIDING SALABLE SKILLS TRAINING TO
DISADVANTAGED YOUTH IN GRADES NINE TO TWELVE

OBJECTIVES:

1. Provide the background materials and planning necessary to implement an effective employment skills program for disadvantaged students in grades 9 to 12.

2. Develop curricula which integrates and considers guidance and counseling, home and community problems and academic disciplines of students.

3. Expand work study program in cooperation with business and industry which will include more academically, economically and socially disadvantaged pupils.

4. Provide a skill development program for disadvantaged students who are denied the opportunity to enter the area vocational technical school.

PROCEDURES:

A team of guidance counselors, academic teachers, and paraprofessional personnel was assembled to develop the integrated curricula and plan the program. Input from various communities, civic and social groups was considered.

Emphasis was placed on developing relevant integrated materials in business education and trade and industrial education. Local industrial and business managers helped identify critical shortage areas and volunteered to participate in work-study arrangement.

EXPECTED OUTCOMES:

This program resulted in developing high motivation materials which provided relevant training for the disadvantaged. Students not entering the technical school will have the opportunity to develop a salable skill.

OTHER INFORMATION:

Funds: Federal: $50,000

Local: $24,300

Duration: 6/1/70 - 8/30/70

Enrollees: 800

Person to Contact: H. Eugene Hollick
Coatesville Area School District
Coatesville, Pennsylvania 19320

AN ORIENTATION OF SCHOOL DROPOUTS TO EMPLOYMENT OPPORTUNITIES -
A PROGRAM FOR DISADVANTAGED AND OUT-OF-SCHOOL YOUTH

OBJECTIVES:

1. Provide experiences in a variety of occupations for problem oriented ghetto youth who have dropped out of high school.

2. Present an individualized program which integrates guidance job oriented behaviors and academic subjects.

3. Establish a system of communications to help students understand their social and economic problems.

4. Encourage participants to return to school and enroll in a vocational course which may be lucrative and satisfying.

PROCEDURES:

A team of guidance, vocational and paraprofessional personnel was assembled. Certain dropouts who exhibited strong interest in the program were employed to recruit other program participants.

Job orientation was offered in 10 occupational areas. Strong emphasis was placed on behavior oriented communications with trainees and their parents.

Field trips to local business and industry were also an integral part of the program.

EXPECTED OUTCOMES:

This program should result in motivating each dropout to become interested in a specific area of employment. It should provide each participant with an awareness of his capacities, capabilities and desires. It should point out that individual status in our society depends upon an individual's ability to work and become a self supporting citizen.

OTHER INFORMATION:

Funds: Federal: $28,986

Local: None

Duration: 6/22/70 - 8/14/70

Enrollees: 123

Person to Contact: Lee C. Rebholtz
School District of the City of Chester
Chester, Pennsylvania 19013

CAREER DEVELOPMENT PROGRAM FOR DISADVANTAGED STUDENTS

OBJECTIVES:

1. To provide special recruitment efforts through direct student contact, visiting and communicating with high schools and community agencies, and by using the news media and printed materials.

2. To provide for the essential educational costs a student is required to pay.

3. To provide information and experiences about occupations and world of work.

4. To provide regular counseling services to students in order to help them cope with the normal adjustment problems of adolescence and make sound educational decisions.

5. To help students enter college programs following completion of the career development program.

6. To provide job placement for students who withdraw from the program and for the student who continues into regular college career programs.

PROCEDURES:

Approximately 70 students from the Harrisburg area who are educationally, economically, and culturally disadvantaged will be identified for entry into regular career programs at Harrisburg Area Community College and for subsequent employment as paraprofessionals or technicians. The program provides remedial studies in English, mathematics, and reading combined with occupational and vocational development, self-understanding, and optimal entry into the 20 career program areas at the college or into the world of work.

EXPECTED OUTCOMES:

The primary outcome of this program will be continued enrollment of students in the career development program, and their subsequent enrollment in, and graduation from, one of the 20 existing career programs at the Harrisburg Area Community College.

OTHER INFORMATION:

Funds: Federal: $67,591

Local: $90,907

Duration: 7/1/70 - 6/30/71

Enrollees: 70-100

Person to Contact: James A. Odom
Harrisburg Area Community College
Harrisburg, Pennsylvania 17100

CURRICULUM DEVELOPMENT PROJECT TO MAKE EXISTING
VOCATIONAL OFFERINGS MORE RELEVANT TO DISADVANTAGED STUDENTS

OBJECTIVES:

1. Revise courses in agriculture, home economics and business education using behaviorial objectives.

2. Design curricula which would allow students to progress according to their abilities.

3. Provide a more comprehensive vocational program in conjunction with the vocational technical school program to be implemented in 1970-71.

PROCEDURES:

The program will involve the Vocational Educational Advisory Committee, department personnel and school administration in formulating specific course objectives that are essential for the type student concerned. Staff personnel will formulate the objectives through a behaviroial context in keeping with the school philosophy and curriculum, and would also provide an efficient method of evaluating the program. Professional staff having ability and interest in curriculum writing will be selected to put these ideas into a working curriculum. The written curriculum will be re-evaluated by other department personnel, Vocational Educational Advisory Committee, and school administration before final reproduction and implementation.

EXPECTED OUTCOMES:

When the project is completed, the district will have written curriculum guides which will allow them to fully implement the needed courses, revise present courses and meet the needs of the disadvantaged or handicapped student.

OTHER INFORMATION:

Funds: Federal: $1,400

Local: None

Duration: 6/1/70 - 8/31/70

Enrollees: 82

Person to Contact: Dorsey E. Enck
Elizabethtown Area School District
Elizabethtown, Pennsylvania 17022

DEVELOPMENTAL PROJECT:
TRAINING LIAISON PERSONNEL FOR PROGRAM IMPLEMENTATION
IN SPECIAL EDUCATION AND VOCATIONAL EDUCATION

OBJECTIVES:

1. To influence vocational educators to accept more special education students in occupational skill development programs.

2. To create a climate for vocational and special education teachers to work together.

3. To provide meaningful occupational education experiences for students in special education.

PROCEDURES:

Vocational education and special education personnel planned and conducted a series of joint in-service programs. Specialists were secured and materials were developed to present the unique characteristics of special education students. Following the in-service training, certain teachers were identified as liaison personnel to continue to foster the climate of the training sessions.

EXPECTED OUTCOMES:

Vocational teachers that were reluctant to accept special education students in vocational classes should be willing to accept more of these students. Students in special education classes will have an opportunity to secure vocational training needed to get a job.

OTHER INFORMATION:

Funds: Federal: $16,192

Local: $ 9,320

Duration: 6/15/70 - 8/15/70

Person to Contact: Jerry C. Olson
Pittsburgh Board of Education
Pittsburgh, Pennsylvania 15200

"OPERATION SALVAGE"
COMMON LEARNINGS PROGRAM FOR
DISADVANTAGED YOUTH WHO ARE POTENTIAL DROPOUTS

OBJECTIVES:

1. Provide additional academic staff, vocational counselors and paraprofessional aides for students who are potential dropouts and academic failures.

2. Relate academic courses to vocational shop areas of students.

3. Establish a better rapport between the student, his home and the school.

4. Provide individualized instruction, reduce dropout and failure rates, and build desirable attitudes which will carry over into employment situations.

5. Provide on-the-job training for students while enrolled in the program.

PROCEDURES:

Disadvantaged students were identified by admission personnel at the vocational technical school. Families were familiarized with the program before students were admitted. Flexible schedules to allow students time for individualized academic classes are included. Parents, teachers and administrators are informed of the student's success or shortcomings and of any corrective measures.

As the program progresses, certain students will be selected and placed on jobs relating to their occupational area.

EXPECTED OUTCOMES:

This program should reduce academic failures, discipline problems, school truancy and possible withdrawal from school leading to a reduction in juvenile delinquency and unemployment.

Through on-the-job training the student can realize success and earn money while he learns. This program should result in showing how a comprehensive vocational technical school can provide relevant occupational education to "problem" students.

OTHER INFORMATION:

Funds: Federal: $31,187

Local: $33,561

Duration: 7/1/70 - 6/30/71

Enrollees: 60

Person to Contact: Henry F. Pilker
York County Area Vocational Technical School
York, Pennsylvania 17400

SUMMER OCCUPATIONAL PROGRAMS FOR
DISADVANTAGED AND SPECIAL EDUCATION STUDENTS

OBJECTIVES:

1. To provide exploratory experiences for the underprivileged youth of the community.

2. To ascertain whether any of these students could be scheduled into the regular vocational technical program on a full-time basis.

3. To acquaint the students with the world of work.

4. To provide work experiences leading to an occupation on an entry-level basis.

PROCEDURES:

All six districts in the vocational technical attendance area have agreed to participate in the program.

Eight week courses will be offered as follows: (1) landscaping and horticulture, (2) gasoline station attendant, (3) foods preparation and waitress, (4) auto body and clean-up, (5) welding and metal fabrication, (6) health occupations, and (7) graphic arts (letterpress).

EXPECTED OUTCOMES:

It is hoped that these experiences may assist the underprivileged in choosing a vocation or at least be guided into occupations compatible to their abilities. We may also find that some of these students will "fit" into the regular vocational-technical programs. An attempt will be made to develop attitudes and work habits which will better enable the trainees to be an acceptable employee in their chosen occupation.

OTHER INFORMATION:

Funds: Federal: $14,109.86

Local: None

Duration: 6/9/70 - 7/20/70

Enrollees: 30

Person to Contact: G. Carl Wengert
Franklin County Area Vocational-Technical School
Chambersburg, Pennsylvania 17201

TRANSITIONAL OCCUPATIONAL EDUCATION TO
VOCATIONALLY TRAIN THE DISADVANTAGED AND HANDICAPPED

OBJECTIVES:

1. Develop a method for training instructors to teach the disadvantaged and handicapped in a work atmosphere.

2. Provide two teacher interns with a variety of vocational experiences in selected low-level occupational areas.

3. Develop a curriculum to be used by vocational educators to train disadvantaged and handicapped students.

4. Implement and evaluate the former in an operational vocational program.

PROCEDURES:

The initial phase of this program will involve the training of two teacher interns with a background in the special education area. During this phase the teacher interns will be exposed full-time to a variety of occupations. To collect data and develop skills they will need to construct and design curricula in these specific areas. The second phase of the program will involve designing and using the curriculum and developing evaluation techniques.

EXPECTED OUTCOMES:

It is expected that this program will serve as a model for changing teacher attitudes toward the disadvantaged and handicapped and help them better accept these students. The project will also develop appropriate low-level curriculum materials specifically for persons with low abilities and prepare them for meaningful jobs.

OTHER INFORMATION:

Funds: Federal: $28,793

Local: $702,500

Duration: 7/1/70 - 6/30/71

Enrollees: 120

Person to Contact: H. James Ross
Upper Bucks County Area Vocational-Technical School
Perkasie, Pennsylvania 18944

APPENDIX

APPENDIX A

APPLICATION PROCEDURES - P.L. 90-576 PART "A" DISADVANTAGED

The following guidelines are applicable for financial support to local educational agencies, colleges and universities and private non-profit organizations to develop new and innovative activities to meet the occupational training needs of disadvantaged persons.

"Disadvantaged persons" means persons who have academic, socio-economic, cultural, or other handicaps that prevent them from succeeding in vocational education or consumer and homemaking programs designed for persons without such handicaps, and who for that reason require specially designed educational programs or related services. The term includes persons whose needs for such programs or services result from poverty, neglect, delinquency, or cultural or linguistic isolation from the community at large, but does not include physically or mentally handicapped persons, unless such persons also suffer from the handicaps described in this paragraph. (From Federal Register, Vol. 35, No. 4, Part II, January 7, 1970, §102.3 (i).

Priority will be given to providing support to those special vocational education programs in areas where there are high concentrations of youth who are unemployed, underemployed or in need of job retraining.

Agencies seeking funds should submit a detailed proposal following the outline given below:

A. Preliminary Statement

A "preliminary statement" is a brief description of proposed activities. This procedure is optional on the part of applicants and will not affect the probability of funding an activity. The preliminary statement is intended to help the potential investigator avoid spending time on a formal proposal which may be inappropriate for support. It allows the Bureau of Vocational, Technical and Continuing Education (BVTCE) staff to review the proposal idea and give the project director an indication of interest, probability of funding and the modification or adjustment needed to build a formal proposal. The suggestions from this review does not prohibit a project initiator from submitting a formal proposal nor does it guarantee proposal approval.

A suggested outline for the preliminary statement includes a brief statement of rationale, objectives, procedures, means of evaluation, and a budget estimate. Five copies of the preliminary statement should be sent to the BVTCE well in advance of the time the proposal is to be submitted.

B. The Proposal Document

A proposal should be developed which will communicate to an individual unfamilar with the project the basic plan and how the plan will be initiated.

1. Cover Page

a. A concise descriptive title
b. Applicants name, address and phone number
c. Institution or agency
d. Beginning and ending dates of the project
e. Estimated budget figure
f. The project initiators name and title

2. Body

The body of the proposal communicates the investigators plan and its proposed effectiveness. The following headings should be used:

a. Background rationale (need) - Give a brief statement of the problem explaining its importance and relationship to vocational education. Present the rationale upon which the proposal is based and its uniqueness in serving disadvantaged individuals in this locale. Statistics or background research to support the idea should be included.

b. Objectives - State the objectives to be achieved or the questions to be answered. They should be clear, precise and capable of being attained by the proposed procedures.

c. Procedures - Describe the procedures in detail, listing the steps to be followed. Provide specific information about each of the following:

A. General Design
B. Population and Sample
C. Time Schedule
D. Instrumentation

d. Personnel - Include the name of the investigator and other staff personnel and give a brief statement of their pertinent experience and unique qualifications to perform the proposed activity.

e. Facilities - Indicate the special facilities and similar advantages available to the institution or agency which will aid in the conduct of the project. Describe the procedure used in selection of facilities (if applicable).

f. Outcomes - Give an indication of the number of persons to be served and what is hoped to be accomplished by the conduct of the proposed activity. Indicate how the program will be operated once federal funding is terminated.

g. Evaluation - Indicate how the results of the project will be evaluated. The evaluation procedures should relate to the objectives of the project.

h. Reports - Quarterly progress reports (five copies) are required. Ten copies of a final report shall be submitted at the conclusion of the project. The final report should be accompanied by 20 copies of a two or three page abstract of the program.

i. Budget - Attached to the body of the proposal must be an itemized budget giving the details of each expenditure item (Part A of P.L. 90-576 prohibits payment to trainees in the form of wages). The budget should be placed on the back of the DEBE 131 form.

C. Submission Procedures

Submit five copies of the proposal and budget application DEBE 131, Part A Disadvantaged, and the project proposal in the sequence listed above to the Bureau of Vocational, Technical and Continuing Education. For additional information, please contact.

Office of Special Vocational Education Programs
Pennsylvania Department of Education
Box 911
Harrisburg, Pennsylvania 17126

Commonwealth of Pennsylvania – Department of Education

Fiscal Year	School Unit	Project Number	Detail

VOCATIONAL EDUCATION APPLICATION FOR

☐ Consumer and Homemaking Education (Part F)

☐ Research and Related Activities

☐ Cooperative Education (Part G)

☐ Other

EXPENDITURE BY LOCATION

Check the one box that closely identifies the area served.

☐ Urban ☐ Suburban

☐ Innercity ☐ Rural

DEBE-131 (1-70)

INSTRUCTIONS: Submit original and four copies. See School Administrators' Handbook 141-900 for detailed instructions.

1. PROGRAM

2. EDUCATIONAL AGENCY

3. ADDRESS

4. COUNTY	5. DURATION OF PROGRAM FROM	TO	6. TELEPHONE	7. PROJECT NO. (IF THIS IS A CONTINUATION OF A PREVIOUSLY APPROVED PROJECT)

8. VOCATIONAL FIELD (CHECK ONE)	9. PROGRAM LEVEL	PER CENT OF USE	10. TYPE RESEARCH (CHECK ONE)	11. TOTAL PROPOSED PROJECT COST
☐ Trade & Industrial	Secondary			$
☐ Agriculture	Post-Secondary		☐ Experimental	PDE USE ONLY
☐ Business	Disadvantaged		☐ Developmental	LOCAL / FEDERAL
☐ Distributive	Handicapped		☐ Pilot	
☐ Home Economics	Mixed Group (Exp.)		☐ Exemplary	$ / $
☐ Health	Adult Supplementary		☐ Mini-grant A	
☐ Technical Education	Adult Preparatory		☐ Mini-grant B	REIMBURSEMENT
☐ All Fields	Other (Explain)		☐ Workshops	APPROVED
	TOTAL	100	☐ Other	$ / $

12. SUMMARY

The Assurance of Compliance with Title VI of the Civil Rights Act dated _____ applies to this application.

LOCAL APPROVALS

Person Responsible for Project (Signature and Date)

Chief School Administrator (Signature and Date)

PDE REVIEW AND APPROVAL

Regional Chief of Vocational Education Field Service (Signature and Date)

Review Committee (Signature and Date)

State Director of Vocational Education (Signature and Date)

ITEM	ESTIMATED TOTAL	AMOUNT TO BE EXPENDED		PDE USE ONLY
		LOCAL	FEDERAL	AMOUNT APPROVED
1. Instructional Services				
A. Instructional Salaries Only				
B. Instructional Supplies				
C. Rental of Instructional Equipment				
D. Local Supervision (Where Applicable)				
E. Guidance and Counseling Salaries				
F. Clerical Salaries				
G. Travel				
H. Other Allowable Items (Identify Below)				
Instructional Services Total				
2. Fixed Charges (Identify below)				
A. Rental of Nonpublic Space				
B. Employer Share of Employe Benefits				
C. Other Fixed Charges				
Fixed Charges Total				
3. Minor Remodeling of School Plans				
4. Equipment Purchase				
A. Instructional Equipment				
B. Other Capital Expenditures				
Equipment Purchase Total				
5. Other Costs				
A. Utilities (Including Telephone)				
B. Custodial or Janitorial Services				
C. Tuition, Fees or Other Incidental Student Charges				
D. Trainee Transportation				
E. Equipment Maintenance and Repair				
F. Other Miscellaneous Costs (Identify below)				
Other Costs Total				
6. Proposed Cost (Total of items 1 through 5)				